

## Abstract

The present invention relates to a transplant rejection suppressor, as well as foods, drinks, nutriments and pharmaceuticals containing the same. Further, the present application relates to a method for suppressing transplant rejection. Still further, the  
5 present invention relates to the treatment and/or prevention of diseases accompanied by rejection in transplantation of human organs and stem cell transplantation of tissues. Finally, the present invention relates to methods of detecting an oxidized and/or reduced glutathione content in macrophage cells, as well as methods of classifying macrophages into oxidative macrophages and reductive macrophages.

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